RAW SEQUENCE LISTING PATENT APPLICATION US/08/259,321

DATE: 07/12/94

TIME: 12:00:38 # 2

INPUT SET: S2533.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

1 2		SEQUENCE LISTING CONTROL CONTR
3 4	(1) G	eneral Information:
5	(i)	APPLICANT: Rezaie, Alireza Esmon, Charles
7 8 9	(ii)	TITLE OF INVENTION: Calcium Binding Recombinant Antibody Against Protein C
10 11 12	(iii)	NUMBER OF SEQUENCES: 12
12 13 14 15 16 17 18 19 20	(iv)	CORRESPONDENCE ADDRESS: (A) ADDRESSEE: Patrea L. Pabst (B) STREET: 1100 Peachtree Street, Suite 2800 (C) CITY: Atlanta (D) STATE: Georgia (E) COUNTRY: USA (F) ZIP: 30309-4530
21 22 23 24 25 26	(♥)	COMPUTER READABLE FORM: (A) MEDIUM TYPE: Floppy disk (B) COMPUTER: IBM PC compatible (C) OPERATING SYSTEM: PC-DOS/MS-DOS (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
27 28 29 30 31	(vi)	CURRENT APPLICATION DATA: (A) APPLICATION NUMBER: US (B) FILING DATE: (C) CLASSIFICATION:
32 33 34 35	(vii)	PRIOR APPLICATION DATA: (A) APPLICATION NUMBER: US 07/982,832 (B) FILING DATE: 30-NOV-1992
36 37 38 39	(vii)	PRIOR APPLICATION DATA: (A) APPLICATION NUMBER: US 07/730,040 (U.S. Patent No. 5,202,253) (B) FILING DATE: 12-JUL-1991
40 41 42 43	(vii)	PRIOR APPLICATION DATA: (A) APPLICATION NUMBER: US 07/292,447 (B) FILING DATE: 30-DEC-1988
44 45 46	(viii)	ATTORNEY/AGENT INFORMATION: (A) NAME: Pabst, Patrea L. (B) REGISTRATION NUMBER: 31,284

RAW SEQUENCE LISTING PATENT APPLICATION US/08/259,321

DATE: 07/12/94 TIME: 12:00:42

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(C) REFERENCE/DOCKET NUMBER: OMRF106CIP
47
48
49
         (ix) TELECOMMUNICATION INFORMATION:
               (A) TELEPHONE: (404) 815-6508
50
               (B) TELEFAX: (404) 815-6555
51
52
53
    (2) INFORMATION FOR SEQ ID NO:1:
54
          (i) SEQUENCE CHARACTERISTICS:
55
               (A) LENGTH: 12 amino acids
56
               (B) TYPE: amino acid
57
58
               (C) STRANDEDNESS: single
               (D) TOPOLOGY: linear
59
60
61
         (ii) MOLECULE TYPE: peptide
62
63
        (iii) HYPOTHETICAL: NO
64
65
         (iv) ANTI-SENSE: NO
66
67
          (v) FRAGMENT TYPE: Internal
68
         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
69
70
71
          Glu Asp Gln Val Asp Pro Arg Leu Ile Asp Gly Lys
72
73
74
    (2) INFORMATION FOR SEQ ID NO:2:
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76
77
          (i) SEQUENCE CHARACTERISTICS:
78
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79
               (B) TYPE: nucleic acid
               (C) STRANDEDNESS: single
80
81
               (D) TOPOLOGY: linear
82
83
         (ii) MOLECULE TYPE: DNA
84
85
        (iii) HYPOTHETICAL: NO
86
87
         (iv) ANTI-SENSE: YES
88
89
         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
90
91
    AAGCGGCCGC TGGATAGACA GATGGGGGTG TCGTTTTGCC
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92
93
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94
95
          (i) SEQUENCE CHARACTERISTICS:
               (A) LENGTH: 30 base pairs
96
97
               (B) TYPE: nucleic acid
98
               (C) STRANDEDNESS: single
99
               (D) TOPOLOGY: linear
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RAW SEQUENCE LISTING PATENT APPLICATION US/08/259,321

DATE: 07/12/94 TIME: 12:00:45

		INPUT SET: S2533.raw
100	(44) MOTEGUER MUDE. DATA	
101 102	(ii) MOLECULE TYPE: DNA	
102	(iii) HYPOTHETICAL: NO	
104	(,	
105	(iv) ANTI-SENSE: NO	
106		
107	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:	
108		
109 110	AAGCGGCCGC CCCCCCCCCC	30
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120 121	/iii www.	
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123	(iv) ANTI-SENSE: YES	
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128		
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135	(D) TOPOLOGY: linear	
136		
137	(ii) MOLECULE TYPE: DNA	
138		
139	(iii) HYPOTHETICAL: NO	
140 141	(iv) ANTI-SENSE: NO	
141	(IV) MRII-BERBE: NO	
143	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:	
144	(,	
145	AGGTTACTCT GCTCGAGTCT GGCCCTGG	28
146		
147	(2) INFORMATION FOR SEQ ID NO:6:	
148	()	
149 150	(i) SEQUENCE CHARACTERISTICS:	
150 151	(A) LENGTH: 36 base pairs(B) TYPE: nucleic acid	
151	(C) STRANDEDNESS: single	
132	(0) DIMANDEDNESD. SINGIE	

RAW SEQUENCE LISTING PATENT APPLICATION US/08/259,321

DATE: 07/12/94 TIME: 12:00:49

153			INPUT SET: S2533.raw
155	153	(D) TOPOLOGY: linear	
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157	155	(ii) MOLECULE TYPE: DNA	
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159	157	(iii) HYPOTHETICAL: NO	
160	158		
161	159	(iv) ANTI-SENSE: YES	
162 163 AGGCCTACTA GTTTACTAAC AATCCCTGGG CACAAT 164 165 (2) INFORMATION FOR SEQ ID NO:7: 166 167 (1) SEQUENCE CHARACTERISTICS: 168 (A) LENGTH: 37 base pairs 169 (B) TYPE: nucleic acid 170 (C) STRANDEDNESS: single 171 (D) TOPOLOGY: linear 172 173 (ii) MOLECULE TYPE: DNA 174 175 (iii) HYPOTHETICAL: NO 176 177 (iv) ANTI-SENSE: NO 178 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7: 180 181 TGTCCAGAGG AGAGCTCATT CTCACCCAGT CTCCGGC 182 183 (2) INFORMATION FOR SEQ ID NO:8: 184 (i) SEQUENCE CHARACTERISTICS: 186 (A) LENGTH: 34 base pairs 187 (B) TYPE: nucleic acid 188 (C) STRANDEDNESS: single 190 (ii) MOLECULE TYPE: DNA 192 (iii) HYPOTHETICAL: NO 194 195 (iii) HYPOTHETICAL: NO 194 195 (iv) ANTI-SENSE: YES 196 197 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8: 198 TCCTTCTAGA TTACTAACAC TCTCCCCTGT TGAA 200 (2) INFORMATION FOR SEQ ID NO:9: 201 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 417 base pairs	160		
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164 165 (2) INFORMATION FOR SEQ ID NO:7: 166 167 (i) SEQUENCE CHARACTERISTICS: 168 (A) LENGTH: 37 base pairs 169 (B) TYPE: nucleic acid 170 (C) STRANDEDNESS: single 171 (D) TOPOLOGY: linear 172 173 (ii) MOLECULE TYPE: DNA 174 175 (iii) HYPOTHETICAL: NO 176 177 (iv) ANTI-SENSE: NO 178 179 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7: 180 181 TGTCCAGAGG AGAGCTCATT CTCACCCAGT CTCCGGC 37 182 183 (2) INFORMATION FOR SEQ ID NO:8: 184 (i) SEQUENCE CHARACTERISTICS: 186 (A) LENGTH: 34 base pairs 187 (B) TYPE: nucleic acid 188 (C) STRANDEDNESS: single 199 (D) TOPOLOGY: linear 190 191 (ii) MOLECULE TYPE: DNA 192 193 (iii) HYPOTHETICAL: NO 194 195 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8: 196 197 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8: 198 199 TCCTTCTAGA TTACTAACAC TCTCCCCTGT TGAA 34 200 201 (2) INFORMATION FOR SEQ ID NO:9: 202 203 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 417 base pairs	162		
165	163	AGGCCTACTA GTTTACTAAC AATCCCTGGG CACAAT	. 36
166	164		
167	165	(2) INFORMATION FOR SEQ ID NO:7:	
168 (A) LENGTH: 37 base pairs 169 (B) TYPE: nucleic acid 170 (C) STRANDEDNESS: single 171 (D) TOPOLOGY: linear 172 173 (ii) MOLECULE TYPE: DNA 174 175 (iii) HYPOTHETICAL: NO 176 177 (iv) ANTI-SENSE: NO 178 180 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7: 181 TGTCCAGAGG AGAGCTCATT CTCACCCAGT CTCCGGC 37 182 183 (2) INFORMATION FOR SEQ ID NO:8: 184 (i) SEQUENCE CHARACTERISTICS: 186 (A) LENGTH: 34 base pairs 187 (B) TYPE: nucleic acid 188 (C) STRANDEDNESS: single 189 (D) TOPOLOGY: linear 190 191 (ii) MOLECULE TYPE: DNA 192 193 (iii) HYPOTHETICAL: NO 194 195 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8: 198 199 TCCTTCTAGA TTACTAACAC TCTCCCCTGT TGAA 34 200 201 (2) INFORMATION FOR SEQ ID NO:9: 202 203 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 34 base pairs	166		
169 (B) TYPE: nucleic acid 170 (C) STRANDENNESS: single 171 (D) TOPOLOGY: linear 172 173 (ii) MOLECULE TYPE: DNA 174 175 (iii) HYPOTHETICAL: NO 176 177 (iv) ANTI-SENSE: NO 178 179 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7: 180 181 TGTCCAGAGG AGAGCTCATT CTCACCCAGT CTCCGGC 37 182 183 (2) INFORMATION FOR SEQ ID NO:8: 184 (i) SEQUENCE CHARACTERISTICS: 186 (A) LENGTH: 34 base pairs 187 (B) TYPE: nucleic acid 188 (C) STRANDEDNESS: single 189 (D) TOPOLOGY: linear 190 191 (ii) MOLECULE TYPE: DNA 192 193 (iii) HYPOTHETICAL: NO 194 195 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8: 198 199 TCCTTCTAGA TTACTAACAC TCTCCCCTGT TGAA 34 200 21 (2) INFORMATION FOR SEQ ID NO:9: 222 23 (i) SEQUENCE CHARACTERISTICS: 24 (A) LENGTH: 417 base pairs	167	(i) SEQUENCE CHARACTERISTICS:	
170	168	(A) LENGTH: 37 base pairs	
171 (D) TOPOLOGY: linear 172 173 (ii) MOLECULE TYPE: DNA 174 175 (iii) HYPOTHETICAL: NO 176 177 (iv) ANTI-SENSE: NO 178 180 181 TGTCCAGAGG AGAGCTCATT CTCACCCAGT CTCCGGC 37 182 183 (2) INFORMATION FOR SEQ ID NO:8: 184 (i) SEQUENCE CHARACTERISTICS: 186 (A) LENGTH: 34 base pairs 187 (B) TYPE: nucleic acid 188 (C) STRANDEDNESS: single 189 (D) TOPOLOGY: linear 190 191 (ii) MOLECULE TYPE: DNA 192 193 (iii) HYPOTHETICAL: NO 194 195 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8: 197 198 199 TCCTTCTAGA TTACTAACAC TCTCCCCTGT TGAA 34 200 21 (2) INFORMATION FOR SEQ ID NO:9: 222 23 (i) SEQUENCE CHARACTERISTICS: 24 (A) LENGTH: 417 base pairs	169	(B) TYPE: nucleic acid	
172 173	170	(C) STRANDEDNESS: single	
173	171	(D) TOPOLOGY: linear	
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175	173	(ii) MOLECULE TYPE: DNA	
176 177 (iv) ANTI-SENSE: NO 178 179 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7: 180 181 TGTCCAGAGG AGAGCTCATT CTCACCCAGT CTCCGGC 183 (2) INFORMATION FOR SEQ ID NO:8: 184 185 (i) SEQUENCE CHARACTERISTICS: 186 (A) LENGTH: 34 base pairs 187 (B) TYPE: nucleic acid 188 (C) STRANDEDNESS: single 189 (D) TOPOLOGY: linear 190 191 (ii) MOLECULE TYPE: DNA 192 193 (iii) HYPOTHETICAL: NO 194 195 (iv) ANTI-SENSE: YES 196 197 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8: 198 199 TCCTTCTAGA TTACTAACAC TCTCCCCTGT TGAA 34 200 201 (2) INFORMATION FOR SEQ ID NO:9: 202 203 (i) SEQUENCE CHARACTERISTICS: 204 (A) LENGTH: 417 base pairs			
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178 179 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7: 180 181 TGTCCAGAGG AGAGCTCATT CTCACCCAGT CTCCGGC 37 182 183 (2) INFORMATION FOR SEQ ID NO:8: 184 185 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 34 base pairs 187 (B) TYPE: nucleic acid 188 (C) STRANDEDNESS: single 189 (D) TOPOLOGY: linear 190 191 (ii) MOLECULE TYPE: DNA 192 193 (iii) HYPOTHETICAL: NO 194 195 (iv) ANTI-SENSE: YES 196 197 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8: 198 199 TCCTTCTAGA TTACTAACAC TCTCCCCTGT TGAA 34 200 201 (2) INFORMATION FOR SEQ ID NO:9: 202 203 (i) SEQUENCE CHARACTERISTICS: 204 (A) LENGTH: 417 base pairs			
179		(iv) ANTI-SENSE: NO	
180 181 TGTCCAGAGG AGAGCTCATT CTCACCCAGT CTCCGGC 182 183 (2) INFORMATION FOR SEQ ID NO:8: 184 185 (i) SEQUENCE CHARACTERISTICS: 186 (A) LENGTH: 34 base pairs 187 (B) TYPE: nucleic acid 188 (C) STRANDEDNESS: single 189 (D) TOPOLOGY: linear 190 191 (ii) MOLECULE TYPE: DNA 192 193 (iii) HYPOTHETICAL: NO 194 195 (iv) ANTI-SENSE: YES 196 197 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8: 198 199 TCCTTCTAGA TTACTAACAC TCTCCCCTGT TGAA 200 201 (2) INFORMATION FOR SEQ ID NO:9: 202 203 (i) SEQUENCE CHARACTERISTICS: 204 (A) LENGTH: 417 base pairs			
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182 183 (2) INFORMATION FOR SEQ ID NO:8: 184 185 (i) SEQUENCE CHARACTERISTICS: 186 (A) LENGTH: 34 base pairs 187 (B) TYPE: nucleic acid 188 (C) STRANDEDNESS: single 189 (D) TOPOLOGY: linear 190 191 (ii) MOLECULE TYPE: DNA 192 193 (iii) HYPOTHETICAL: NO 194 195 (iv) ANTI-SENSE: YES 196 197 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8: 198 199 TCCTTCTAGA TTACTAACAC TCTCCCCTGT TGAA 34 200 201 (2) INFORMATION FOR SEQ ID NO:9: 202 203 (i) SEQUENCE CHARACTERISTICS: 204 (A) LENGTH: 417 base pairs	-		
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184 185 (i) SEQUENCE CHARACTERISTICS: 186 (A) LENGTH: 34 base pairs 187 (B) TYPE: nucleic acid 188 (C) STRANDEDNESS: single 189 (D) TOPOLOGY: linear 190 191 (ii) MOLECULE TYPE: DNA 192 193 (iii) HYPOTHETICAL: NO 194 195 (iv) ANTI-SENSE: YES 196 197 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8: 198 199 TCCTTCTAGA TTACTAACAC TCTCCCCTGT TGAA 34 200 201 (2) INFORMATION FOR SEQ ID NO:9: 202 203 (i) SEQUENCE CHARACTERISTICS: 204 (A) LENGTH: 417 base pairs		(2) THEODY MICH FOR GEO TO NO. 0.	
185 (i) SEQUENCE CHARACTERISTICS: 186 (A) LENGTH: 34 base pairs 187 (B) TYPE: nucleic acid 188 (C) STRANDEDNESS: single 189 (D) TOPOLOGY: linear 190 191 (ii) MOLECULE TYPE: DNA 192 193 (iii) HYPOTHETICAL: NO 194 195 (iv) ANTI-SENSE: YES 196 197 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8: 198 199 TCCTTCTAGA TTACTAACAC TCTCCCCTGT TGAA 34 200 201 (2) INFORMATION FOR SEQ ID NO:9: 202 203 (i) SEQUENCE CHARACTERISTICS: 204 (A) LENGTH: 417 base pairs		(2) INFORMATION FOR SEQ ID NO:8:	
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188 (C) STRANDEDNESS: single 189 (D) TOPOLOGY: linear 190 191 (ii) MOLECULE TYPE: DNA 192 193 (iii) HYPOTHETICAL: NO 194 195 (iv) ANTI-SENSE: YES 196 197 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8: 198 199 TCCTTCTAGA TTACTAACAC TCTCCCCTGT TGAA 34 200 201 (2) INFORMATION FOR SEQ ID NO:9: 202 203 (i) SEQUENCE CHARACTERISTICS: 204 (A) LENGTH: 417 base pairs			
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190 191 (ii) MOLECULE TYPE: DNA 192 193 (iii) HYPOTHETICAL: NO 194 195 (iv) ANTI-SENSE: YES 196 197 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8: 198 199 TCCTTCTAGA TTACTAACAC TCTCCCCTGT TGAA 200 201 (2) INFORMATION FOR SEQ ID NO:9: 202 203 (i) SEQUENCE CHARACTERISTICS: 204 (A) LENGTH: 417 base pairs		` '	
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192 193 (iii) HYPOTHETICAL: NO 194 195 (iv) ANTI-SENSE: YES 196 197 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8: 198 199 TCCTTCTAGA TTACTAACAC TCTCCCCTGT TGAA 200 201 (2) INFORMATION FOR SEQ ID NO:9: 202 203 (i) SEQUENCE CHARACTERISTICS: 204 (A) LENGTH: 417 base pairs		(ii) MOLECULE TYPE: DNA	
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194 195 (iv) ANTI-SENSE: YES 196 197 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8: 198 199 TCCTTCTAGA TTACTAACAC TCTCCCCTGT TGAA 200 201 (2) INFORMATION FOR SEQ ID NO:9: 202 203 (i) SEQUENCE CHARACTERISTICS: 204 (A) LENGTH: 417 base pairs		(iii) HYPOTHETTCAL: NO	
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198 199 TCCTTCTAGA TTACTAACAC TCTCCCCTGT TGAA 200 201 (2) INFORMATION FOR SEQ ID NO:9: 202 203 (i) SEQUENCE CHARACTERISTICS: 204 (A) LENGTH: 417 base pairs		(xi) SEOUENCE DESCRIPTION: SEO ID NO:8:	
199 TCCTTCTAGA TTACTAACAC TCTCCCCTGT TGAA 200 201 (2) INFORMATION FOR SEQ ID NO:9: 202 203 (i) SEQUENCE CHARACTERISTICS: 204 (A) LENGTH: 417 base pairs		, , <u></u>	
200 201 (2) INFORMATION FOR SEQ ID NO:9: 202 203 (i) SEQUENCE CHARACTERISTICS: 204 (A) LENGTH: 417 base pairs		TCCTTCTAGA TTACTAACAC TCTCCCCTGT TGAA	34
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202 203 (i) SEQUENCE CHARACTERISTICS: 204 (A) LENGTH: 417 base pairs		(2) INFORMATION FOR SEQ ID NO:9:	
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, <i>,</i>	205	(B) TYPE: nucleic acid	

RAW SEQUENCE LISTING PATENT APPLICATION US/08/259,321

DATE: 07/12/94 TIME: 12:00:52

	INPUT SET: S2533.raw
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207	(D) TOPOLOGY: linear
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209	(ii) MOLECULE TYPE: DNA
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213	(iv) ANTI-SENSE: NO
214	
215	(vi) ORIGINAL SOURCE:
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217	
218	(ix) FEATURE:
219	(A) NAME/KEY: misc_feature
220	(B) LOCATION: 157
221 222	(D) OTHER INFORMATION: /note= "Signal peptide encoded by nucleotides 1 th
222	(ix) FEATURE:
223	(A) NAME/KEY: misc feature
225	(B) LOCATION: 58417
226	(D) OTHER INFORMATION: /note= "Mature peptide encoded by nucleotides 58 t
227	(u, common and common
228	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
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230	ATGGGCAGGC TTTCTTCTTC ATTCTTGCTA CTGATTGCCC CTGCATATGT CCTGTCCCAG 60
231	
232	GTTACTCTGA AAGAGTCTGG CCCTGGGATA TTGCAGCCCT CCCAGACCCT CACTCTGACT 120
233	
234	TGTTCTCTCT CTGGGTTTTC ACTGAGGACT TCTGGTATGG GTGTAGGCTG GATTCGTCAG 180
235 236	CCTTCAGGGA AGGGTCTGGA GTGGCTGGCA CACATTTGGT GGGATGATGA CAAGCGCTAT 240
237	CCITCAGGGA AGGGICIGGA GIGGCIGGCA CACAITIGGI GGGAIGAIGA CAAGCGCIAI 240
238	AACCCAGTCC TGAAGAGCCG ACTGATAATC TCCAAGGATA CCTCCAGGAA ACAGGTATTC 300
239	into and to the following to the contraction of the contraction to the
240	CTCAAGATCG CCAGTGTGGA CACTGCAGAT ACTGCCACAT ACTACTGTGT TCGAATGATG 360
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242	GATGATTACG ACGCTATGGA CTACTGGGGT CAAGGAACCT CAGTCACCGT CTCCTCT 417
243	
244	(2) INFORMATION FOR SEQ ID NO:10:
245	
246	(i) SEQUENCE CHARACTERISTICS:
247	(A) LENGTH: 139 amino acids
248	(B) TYPE: amino acid
249	(C) STRANDEDNESS: single
250 251	(D) TOPOLOGY: linear
251 252	(ii) MOLECULE TYPE: peptide
252	(11) Moducode iire. Pebcide
254	(iii) HYPOTHETICAL: NO
255	\
256	(iv) ANTI-SENSE: NO
257	• • • • • • • • • • • • • • • • • • • •
258	(v) FRAGMENT TYPE: Internal

SEQUENCE VERIFICATION REPORT PATENT APPLICATION US/08/259,321

DATE: 07/12/94 TIME: 12:00:55

INPUT SET: S2533.raw

Line Error Original Text

28 Wrong application Serial Number (A) APPLICATION NUMBER: US